



571 Symetrix Settings and Calibration

Technical Support Department

The 571 Symetrix is used to automatically adjust the volume in the showroom based on the volume of noise created by the guest in the showroom. There is one or in some location two sense microphones located in the showroom ceiling that monitors the ambient noise created in the showroom. If your Symetrix is not calibrated properly your audio system may not function as well as it should. Below are instructions on how to calibrate your Symetrix properly and the correct settings for the Symetrix.

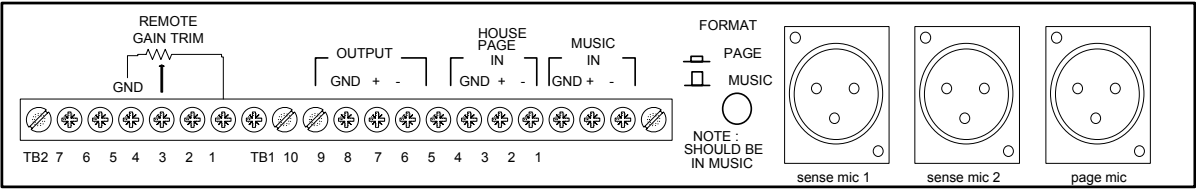
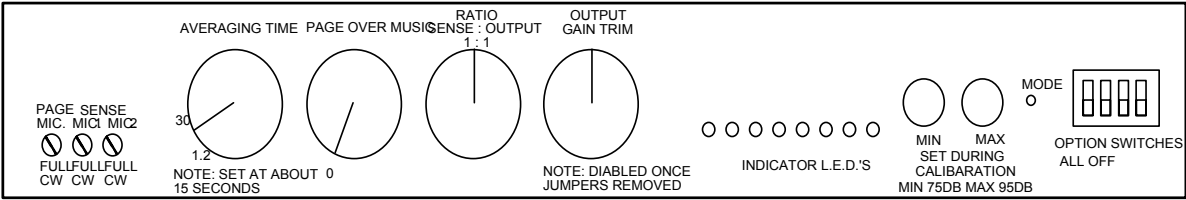
1. You must have a Realistic Sound Meter Radio Shack Part # 332-2050 or CEC Parts part # SM-0001. Have the meter set to "C" weight and "slow" response. It is best to calibrate before opening and there should be no one in the showroom
2. Set your showroom amp volume to 75%. If you have a Bose system, set your Bose speaker channel to 7 and your Sub base channel to 5. You are now ready to Calibrate.
3. Have someone stand in the middle of the showroom with the sound meter parallel to the ground and at chest level. Set the sound meter range to 70db.
4. Start your Show and during the intermission period between shows begin the calibration by pressing the **"mode"** button on the symetrix once. The **"Min"** led should then light up and you now can begin to adjust the **"Min"** volume pot for the minimum sound level. The person in the showroom should signal you when the sound meter reads between +2 and + 4 db. Once you have that, no longer adjust the **"Min"** pot for 8 seconds while the symetrix saves your setting. After 8 seconds the **"Min"** led will go off and the **"Max"** led will light up.
5. The person in the middle of the showroom now needs to change the range on the sound meter from 70db to 90db. Now using the "Max" potentiometer, adjust the maximum setting for your showroom until the person in the showroom signals you that the reading on the sound meter (with the range at 90db) is between +2 and +4db. Once you have that, no longer adjust the **"MAX"** pot for 8 seconds while the symetrix saves your setting. The **"Max"** led will then turn off and the symetrix will return to normal operation.

During calibration the symetrix must have an audio signal at all times or it will go into error mode.

Following the above steps will you have a more enjoyable experience by your guest.

If you have any questions please call your Regional Tech or Technical Support at 785 862 6002.

Master Symetrix 571 SPL Settings



Slave Symetrix 571 S Settings



Rear View Of Slave Symetrix

